

Form PTO-1595  
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Recordation Form Cover Sheet  
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Koichi Satoh

Additional name(s) of conveying party(ies) attached?  Yes  No.

## 3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other: \_\_\_\_\_Execution Date: October 29, 2002

## 2. Name and address of receiving party(ies)

Hitachi, Ltd.  
6, Kanda Surugadai 4-chome  
Chiyoda-ku  
Tokyo, Japan

17497 U.S.PTO  
10/764374  
012604

Additional name(s) and address(es) attached?  Yes  No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No(s): 10/233,258

B. Patent No(s): \_\_\_\_\_

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert C. Colwell  
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San Francisco, California 94111-3834  
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## 6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \$40.00

 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

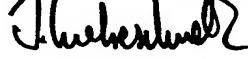
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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Joe Liebeschuetz

Name of Person Signing  
Atty. Reg. No. 37,505



Signature

December 30, 2002

Date

Total number of pages including cover sheet, attachments and document

3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

Seiji Yanagisawa  
Shu Watabe  
Yukihiro Fujita  
Akio Shima  
Yuji Tanaka  
Shinichi Takahashi  
Hiroshi Kunii

2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

3. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

W0619-01

(#)

ASSIGNMENT  
(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

ENERGY COLLECTING SYSTEM AND METHOD OF OPERATING THE SAME

\*U.S. Serial No. 10/233258 filed on August 30, 2002 invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Satou Kouichi	October 29, 2002
2)	Seiji Yanagisawa	October 30, 2002
3)	Shu Watabe	October 29, 2002
4)	Yukihiko Fujita	October 29, 2002
5)	Akio Shima	October 29, 2002
6)	Yuzi Tanaka	October 29, 2002
7)	Shinichi Takahashi	October 29, 2002
8)	Hiroshi Kunii	October 29, 2002
9)		
10)		